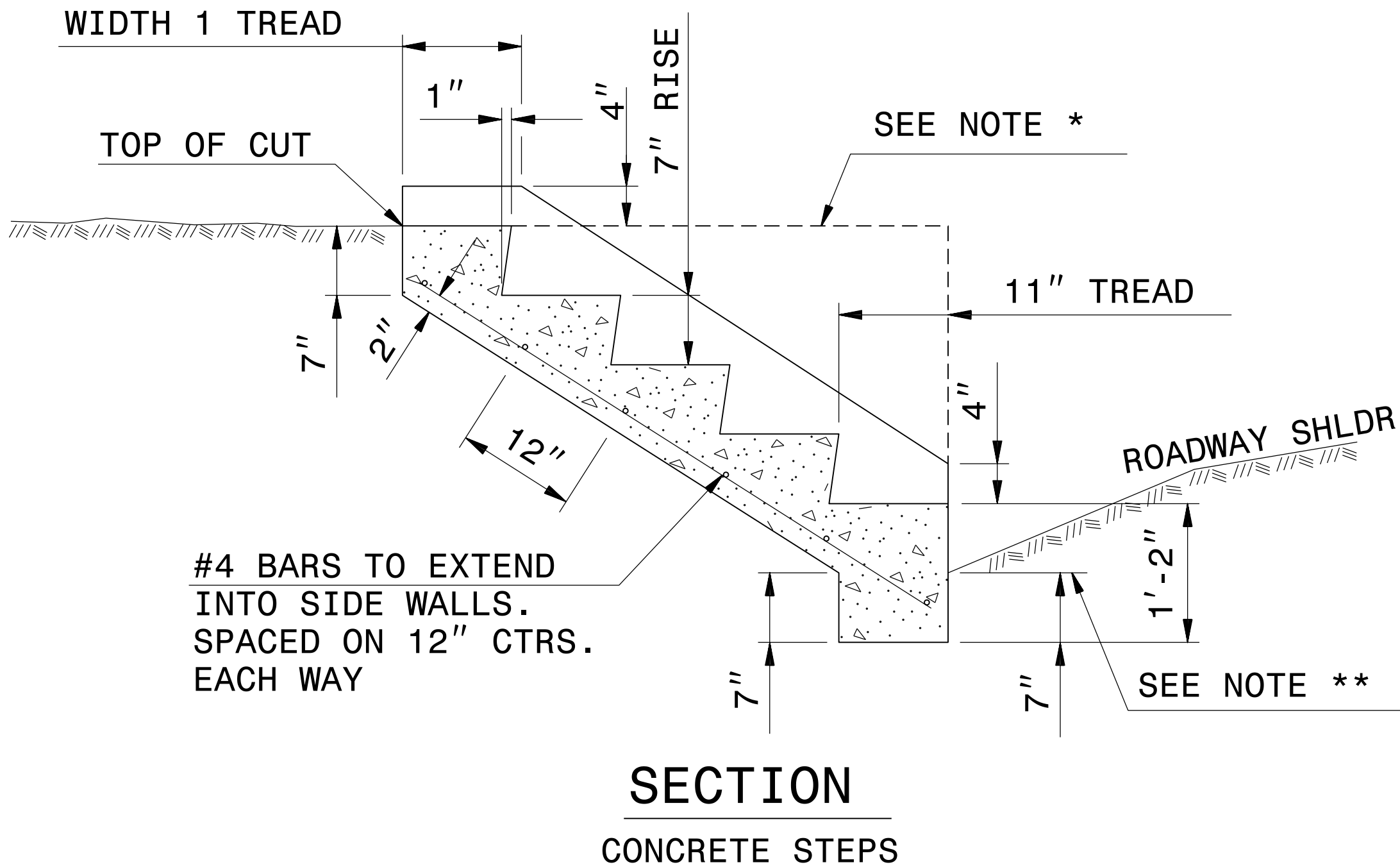


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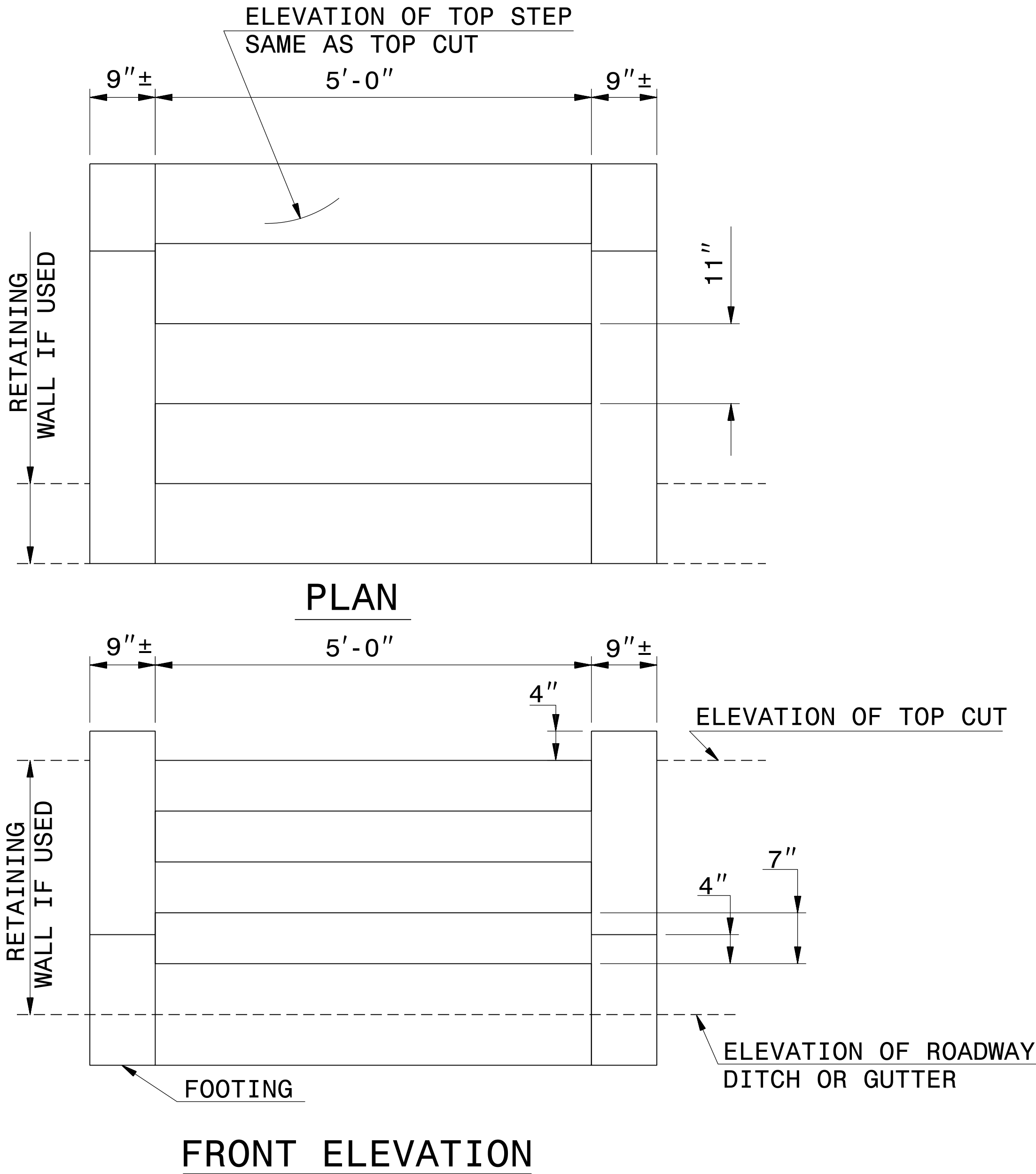
ENGLISH STANDARD DRAWING FOR  
**CONCRETE STEPS**

SHEET 1 OF 1  
**844.01**

CUBIC YARDS IN STANDARD CONCRETE STEPS					
NO. OF STEPS	4' WIDE	5' WIDE	6' WIDE	7' WIDE	ADDITIONAL CU. YDS. PER 1' WIDTH
2	0.4	0.5	0.5	0.6	0.1
3	0.6	0.7	0.8	0.9	0.1
4	0.8	0.9	1.0	1.2	0.1
5	1.0	1.2	1.3	1.4	0.1
6	1.2	1.4	1.5	1.7	0.2
7	1.4	1.6	1.8	2.0	0.2
8	1.6	1.8	2.0	2.3	0.2
9	1.8	2.0	2.3	2.6	0.3
10	2.0	2.3	2.5	2.8	0.3
ADDITIONAL STEP INCREMENT	0.2	0.2	0.2	0.3	0.1



- GENERAL NOTES:
- USE CLASS "B" CONCRETE THROUGHOUT FOR CONCRETE STEPS.
- LOCATIONS AND QUANTITIES SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS AND QUANTITIES WILL BE DETERMINED BY THE ENGINEER.
- \* WHERE STEPS ARE CONSTRUCTED THRU THE RETAINING WALLS, RAISE THE SIDE WALLS OF THE STEPS LEVEL WITH THE TOP OF THE RETAINING WALL. SEE DASHED LINES.
- \*\* WHERE SIDEWALKS ARE PROPOSED OR EXISTING, THIS IS TO BE THE TOP OF THE SIDEWALK.
- USE UNCORED BRICK.

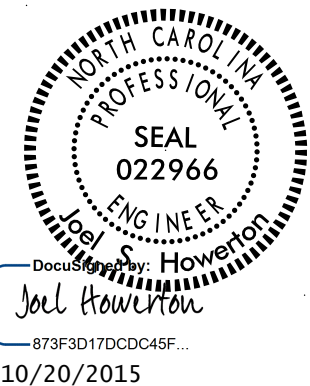


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SHEET 1 OF 1  
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IF THE HEIGHT OF THE STEPS EXCEEDS 36",  
A HANDRAIL SHOULD BE INSTALLED.



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

CONTRACT STANDARDS  
AND DEVELOPMENT UNIT  
Office 919-707-6950 FAX 919-250-4119

**SEE PLATE FOR TITLE**

ORIGINAL BY: E.E.Ward DATE: Feb. 19, 2002  
MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FILE SPEC.: w:details/stand/844d01.dgn